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Census at School: An Outreach Program to Teach Statistical Problem Solving in Grades 4-12 Using Real Student Data.

The American Statistical Association (ASA) is seeking champions for the Census at School program. In 2010, the ASA and the Population Association of America (PAA) launched the U.S. version of Census at School, a free, international classroom project that engages students in grades 4-12 in statistical problems solving using their own real data. Students involved in the program complete an online survey, analyze their class census results, and then compare those results with results from random samples of participating students in the United States and other countries. Under the direction of their teachers, students apply the concepts in the GAISE Pre-K-12 Report (www.amstat.org/education/gaise) and the Common Core State Standards (corestandards.org) by exploring problems that require them to formulate questions of interest that can be answered with the Census at School data, collect/select and analyze the data, and make appropriate conclusions in context. The Census at School project began in the United Kingdom and includes Australia, Canada, New Zealand, South Africa, Ireland, Japan, and now the United States. (Received September 22, 2011)